p1105: Factoring when $a = $ prime (v47)

1. Factor the expression $5x^2 - 46x + 48$

2. Factor the expression $3x^2 - 10x - 25$

3. Factor the expression $3x^2 + 8x - 35$

4. Factor the expression $3x^2 - 4x - 4$

5. Factor the expression $11x^2 - 59x + 20$

6. Factor the expression $5x^2 - 14x - 3$

7. Factor the expression $2x^2 + 15x - 8$

8. Factor the expression $5x^2 + 43x + 56$

9. Factor the expression $5x^2 + 48x + 27$

10. Factor the expression $7x^2 - 55x - 72$